

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g. PTO/SB/17)  
*(Submit an original and a duplicate for fee processing.)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 13] *(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Declaration & Power of Attorney [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d)) *(for continuation/divisional with Box 17 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation    Divisional    Continuation-in-part (CIP)   of prior application No.: \_\_\_\_\_ /

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/>	Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>	or	<input checked="" type="checkbox"/>	Correspondence address below
Name	John S. Beulick			
Address	Armstrong Teasdale LLP One Metropolitan Square, Suite 2600			
City	St. Louis	State	MO	Zip Code
Country	US	Telephone	314.621.5070	Fax
Name (Print/Type)	Michael Tersillo	Registration No. (Attorney/Agent)		42,180
Signature	<i>Michael Tersillo</i>		Date	November 13, 2003

**Certificate of Express Mail**

I certify that the documents listed on this form are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael Tersillo	<i>Michael Tersillo</i>	November 13, 2003
(Printed Name of Person Mailing Correspondence)	(Signature of Person Mailing Correspondence)	Date

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# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete if Known

Application Number	
Filing Date	November 13, 2003
First Named Inventor	Adam Kenneth Trappe
Examiner Name	
Art Unit	
Attorney Docket No.	140325-1

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	07-0862
Deposit Account Name	Armstrong Teasdale

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	750	2001	375		Utility filing fee	770	
1002	330	2002	165		Design filing fee		
1003	520	2003	260		Plant filing fee		
1004	750	2004	375		Reissue filing fee		
1005	160	2005	80		Provisional filing fee		
SUBTOTAL (1)		(\$)		770			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	25	-20** = 5	x 18	= 90
Independent Claims	3	- 3** = 3	x 36	= 0
Multiple Dependent				

Large Entity	Small Entity	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	84	2201 42 Independent claims in excess of 3
1203	280	2203 140 Multiple dependent claim, if not paid
1204	84	2204 42 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)

\*\* or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130	2051	65		Surcharge - late filing fee or oath		
1052	50	2052	25		Surcharge - late provisional filing fee or cover sheet		
1053	130	1053	130		Non-English specification		
1812	2,520	1812	2,520		For filing a request for ex parte reexamination		
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action		
1805	1,840*	1805	1,840*		Requesting publication of SIR after Examiner action		
1251	110	2251	55		Extension for reply within first month		
1252	410	2252	205		Extension for reply within second month		
1253	930	2253	465		Extension for reply within third month		
1254	1,450	2254	725		Extension for reply within fourth month		
1255	1,970	2255	985		Extension for reply within fifth month		
1401	320	2401	160		Notice of Appeal		
1402	320	2402	160		Filing a brief in support of an appeal		
1403	280	2403	140		Request for oral hearing		
1451	1,510	1451	1,510		Petition to institute a public use proceeding		
1452	110	2452	55		Petition to revive - unavoidable		
1453	1,300	2453	650		Petition to revive - unintentional		
1501	1,300	2501	650		Utility issue fee (or reissue)		
1502	470	2502	235		Design issue fee		
1503	630	2503	315		Plant issue fee		
1460	130	1460	130		Petitions to the Commissioner		
1807	50	1807	50		Processing fee under 37 CFR 1.17(q)		
1806	180	1806	180		Submission of Information Disclosure Stmt		
8021	40	8021	40		Recording each patent assignment per property (times number of properties)		
1809	750	2809	375		Filing a submission after final rejection (37 CFR 1.129(a))		
1810	750	2810	375		For each additional invention to be examined (37 CFR 1.129(b))		
1801	750	2801	375		Request for Continued Examination (RCE)		
1802	900	1802	900		Request for expedited examination of a design application		

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

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## SUBMITTED BY

Name (Print/Type)	Michael Tergillo	Registration No. (Attorney/Agent)	42,180	Telephone	314-621-5070
Signature			Date	November 13, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.